

X6A SAFETY CHECKLIST			BROOKHAVEN NATIONAL LABORATORY NATIONAL SYNCHROTRON LIGHT SOURCE
Rev: A	Effective: 2/24/05	Page 1 of 1	Number: LS-SCL-0013
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- ☐ 1. Valid Padlock Index and log, no padlocks open

CHECKPOINTS 2-14 ARE LOCATED ON THE X7 SIDE OF THE BEAMLINE

- ☐ 2. Exclusion Zone (EZ #1) between shield wall to Bremsstrahlung shield (BS #1) As per photo 1
- ☐ 3. Bremsstrahlung shield (BS #1) in place and secure as per photo 1.
- ☐ 4. White beam positioner wrapped in lead as per photo 1.
- ☐ 5. White beam slits wrapped in lead as per photo 2.
- ☐ 6. Monochromator covered in lead, View port (VP #1) covered with lead glass and secured, Electrical feed through (EF #1) covered with lead and secured, as per photo 2.
- ☐ 7. Exclusion Zone (EZ #2) in place and secured
- ☐ 8. View port (VP #2) covered with lead and secured. Located on mirror tank.
- ☐ 9. View port (VP #3) covered with lead and secured. Located on mirror tank.
- ☐ 10. Bremsstrahlung shield (BS #2) in place and secured. as per photo 3.
- ☐ 11. Phosphor Screen tank wrapped in lead. View port (VP #4) covered in lead and secured as per photo 3.
- ☐ 12. Exclusion Zone (EZ #3) in place and secured
- ☐ 13. Photon shutter buried inside lead bricks in place and secured as per photo 4.
- ☐ 14. Bremsstrahlung shield (BS # 3) in place and banded as per photo 4.

CHECKPOINT 15 IS LOCATED INSIDE OF THE X6A HUTCH

- ☐ 15. Beam stop secured and in place inside the experimental hutch as per photo 5.

USER INTERLOCK

- ☐ A. User interlock lights all green. Located outside on the back wall of X6B experimental hutch.

Checked by: _____ Date: _____

OPCO: _____ Date: _____